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(71) Applicants (for all designated States except US):  
ELECTRONICS AND TELECOMMUNICATIONS  
RESEARCH INSTITUTE [KR/KR]; 161 Gajeong-dong,  
Yuseong-gu, Daejeon 305-350 (KR). HANYANG UNI-  
VERSITY [KR/KR]; 17 Haengdang-dong, Seongdong-gu,  
Seoul 133-070 (KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): KIM, Wook-Joong  
[KR/KR]; Dreamworld Apt. 101-603, Jangdae-dong,  
Yuseong-gu, Daejeon-city, 305-308 (KR). KI,  
Myung-Seok [KR/KR]; 3011, 146-12 Sinseong-dong,  
Yuseong-gu, Daejeon-city 305-804 (KR). KIM,  
Kyu-Heon [KR/KR]; Saemneori Apt. 201-904, Dun-  
san-dong, Seo-gu, Daejeon-city, 302-120 (KR). KIM,  
Jin-Woong [KR/KR]; Expo Apt. 305-1603, Jeon-  
min-dong, Yuseong-gu, Daejeon-city, 305-309 (KR).  
JANG, Euee-Seon [KR/KR]; R & D Bldg. 501, Hanyang  
Univ., Hangdang1-dong, Seongdong-gu, Seoul, 133-791  
(KR). LEE, Sun-Young [KR/KR]; R & D Bldg. 707,

Hanyang Univ., Hangdang1-dong, Seongdong-gu, Seoul  
133-791 (KR). OH, Hyun-Jong [KR/KR]; R & D Bldg.  
707, Hanyang Univ., Hangdang1-dong, Seongdong-gu,  
Seoul 133-791 (KR). PARK, Sung-Won [KR/KR];  
R & D Bldg., 707, Hanyang Univ., Hangdang1-dong,  
Seongdong-gu, Seoul 133-071 (KR). WON, Jong-Woo  
[KR/KR]; R & D Bldg. 707, Hanyang Univ., Hang-  
dang1-dong, Seongdong-gu, Seoul 133-791 (KR).

(74) Agent: YOU ME PATENT AND LAW FIRM; Seolim  
Bldg., 649-10 Yoksam-dong, Kangnam-ku, Seoul 135-080  
(KR).

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(54) Title: SYSTEM AND METHOD FOR ENCODING AND DECODING AN IMAGE USING BITSTREAM MAP AND  
RECORDING MEDIUM THEREOF

(57) Abstract: Disclosed are a system and method for encoding and decoding an image. The image compression system includes  
an image segmentation unit (110) for segmenting a first image into a plurality of sub-images; a first encoding unit (120) for encoding  
the sub-images to output sub-image bitstreams; a BMAP construction unit (130) for calculating the quantity of information of each  
sub-image bitstream and generating BMAP information using the calculated quantity of information and information on construction  
of each sub-image; and a bitstream combining unit (150) for combining the sub-image bitstreams and BMAP information.

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